

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Cystatin B (N84) Peptide

Cat No.: BS1342P

#### Background

Cystatin A (also designated STF1, STFA, stefin A or cystatin AS) and cystatin B (also designated PME, CST6, STFB, CPI-B, stefin B and liver thiol proteinase inhibitor) are thiol protease inhibitors that form complexes with Papain and the cathepsins B, H and L. Cystatin A, a cytoplasmic protein, is one of the precursor proteins of the cornified cell envelope in keratinocytes and plays a role in epidermal development and maintenance. Cystatin B protects against intracellular proteases leaking out of lysosomes and is primarily expressed in heart, liver and kidney.

#### Swiss-Prot

P04080

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1342 Cystatin B (N84) pAb.

#### Purification & Purity

Synthetic peptide Cystatin B (N84). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term.

Avoid freeze-thaw cycles.

#### Research Use

For research use only, not for use in diagnostic procedure.

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